

ABSTRACT

In the case of a circuit for several inductive pot or saucepan detection coils a control and evaluation circuit is provided. Using switches in the form of MOSFETs, the control or evaluating circuit is in each case connected to one coil in multiplex operation. The MOSFETs have a low drain-source resistance in order to avoid off-resonancing of resonant circuit frequencies due to the overcoupling of several leads to the coils.

(cf. fig. 1)